

# COOLING MODULE OF COMPUTER SYSTEM AND RELATED APPARATUS WITH AIR WALL FOR PREVENTING RECYCLING OF HEATED AIR

## Abstract

A cooling module for a computer system has a fan module, a heat sink module and an air wall. The heat sink module is connected to a circuit of the computer system for conducting heat generated by the circuit. The fan module makes air flow from an air inlet of the fan to the heat sink module where air absorbs heat generated by the circuit, and flow out from an air outlet of the heat sink module. The air wall is set between the air inlet of the fan and the air outlet of the heat sink module for isolating airflow from the air outlet of the heat sink module to the air inlet of the fan, such that heated air from the air outlet of the heat sink module will not significantly flow into the air inlet of the fan, and cooling efficient is therefore increased.